JOB TITLE	SALARY	ISSUED
GIS PROGRAMMER/SPECIALIST	$27.09/HR/DOQ	6-24-2016

WEBER COUNTY IT - FULL-TIME WITH BENEFITS

JOB SUMMARY Under the supervision of the GIS Division Manager and the Director of Information Technology, assists in performing the programming, technical development and maintenance of the Weber County GIS System.

MAJOR DUTIES Design and system management of complex mapping programs. Develop and program Web applications for the County GIS and assist in other Web applications in conjunction with the Information Technology Department using complex array of programming languages including PHP, Javascript, HTML5 and other programming languages. Author and public ArcGIS Services for ArcGIS Online, and other county applications. Customize applications and widgets based on the need of county departments business needs. Work closely with Team Leaders and other Programmers in the Information Technology Department for a variety of programming functions. Provide and program interface for the efficient display of database information in GIS system using ESRI suite of programs. Train and assist other County Departments in Web applications and maintenance. Develop efficient transfer of data from numerous databases. Assist in the maintenance of County Web servers. Assist in the design and implementation of user programs for complex electronic mapping and relational databases. Prepares complex plats and maps for everyday GIS functions. Assists in preparing and editing spatial data for the Weber County GIS. Assists in the maintenance of SDE. (ESRI's Spatial Database Engine) Works with county agencies, other municipal entities, and the private sector in the exchange of digital data. Coordinate with supervisors, and users the GIS specific needs of different county agencies. Prepare detailed documentation and user manuals as required for individual GIS systems brought online.   Assist in system management and technical support for the Weber County GIS program. Assists in the installation and maintenance of GIS hardware and software. Assist in the training of end users in GIS system and database graphic's software. Assist in the maintenance of GIS datasets and other GIS related files. Make recommendations to supervisors as to the best equipment and software to purchase.

MARGINAL FUNCTIONS Assist in maintenance of personal computers and printers.   Performs related duties as required.

MINIMUM QUALIFICATIONS Bachelor's degree in geographic information systems, geography, computer science, or a closely related field. AND Four years of directly related GIS experience. OR Any equivalent combination of education and experience.
Thorough in depth working knowledge of GIS systems; thorough in depth knowledge of specific ESRI GIS software products, primarily ArcMap and ArcaGIS Server. Extensive knowledge of Dreamweaver, Javascript, PHP, HTML5, SQL, MySQL. and other Web related programming applications. Knowledge and understanding of emerging GIS and cartographic technologies and trends as well as Web technologies and trends. Working knowledge of PHOTOSHOP and other applicable graphic software for Web development. General working knowledge of ORACLE relational database management systems. MS Internet Information Server (IIS), Apache and LINUX knowledge desirable. General knowledge of PC based CAD programs, specifically AutoCAD.
Ability to effectively organize, present and integrate goals both orally and in writing; ability to establish and maintain effective working relationships with employees, other departments and the general public.
TOOLS AND EQUIPMENT USED Personal computers and components; laser printer, Sun workstations and servers and other peripherals, network hardware, and various hand tools.
PHYSICAL DEMANDS The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is frequently required to sit and talk or hear, use hands to finger, handle, or feel objects, tools, or controls; and reach with hands and arms. The employee is occasionally required to walk. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this job include close vision and the ability to adjust focus.
 WORK ENVIRONMENT The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The noise level in the work environment is usually quiet.

POSITION OPENED JULY 8, OR UNTIL FILLED
APPLICATION MUST BE SUBMITTED TO:
Weber County H.R., 2380 Washington Blvd., 3rd Floor, Suite 340, Ogden, Utah 84401
EOE - DRUG & BACKGROUND TESTING REQUIRED